PATENT

ž

Docket No.: M4065.133/P133

Micron No.: 97-607

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Inventors: Brian A. Vaartstra

Donald Westmoreland

Serial No.: Not Yet Assigned Group Art Unit: Not Yet

Assigned

Filed: Concurrently Herewith Examiner: Not Yet Assigned

For: MIXED METAL NITRIDE AND

BORIDE BARRIER LAYERS

# POWER OF ATTORNEY BY ASSIGNEE AND CERTIFICATE BY ASSIGNEE UNDER 37 C.F.R. § 3.73(b)

Micron Technology, Inc., assignee of the entire right, title and interest in the above-identified application by virtue of the assignment attached hereto (which is also being submitted concurrently for recordation), hereby appoints the attorneys and agents of the firm of Dickstein Shapiro Morin & Oshinsky LLP located at 2101 L Street, NW, Washington, DC 20037-1526, listed as follows: Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady, Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Laurence D. Fisher, 37,131; John R. Fuisz, 37,327; James M. Heintz, P41,828; Gianni Minutoli, 41,198; Eric Oliver, 35,307; William E. Powell, III, 39,803; James M. Silbermann, 40,413; Richard Veltman, 36,957;

944470 - K8R@011.SAM

June Lazar, P-43,741; and Brian Lemm, P-43,748, and also attorneys Michael L. Lynch, 30,871; Lia M. Pappas, 34,095; W. Eric Webostad, 35,406; and Charles B. Brantley, II, 38,086 of Micron Technology, Inc. as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

The assignee certifies that the above-identified assignment has been reviewed and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico, Esq.
Dickstein Shapiro Morin & Oshinsky LLP
2101 L Street, NW
Washington, D.C. 20037-1526
Telephone: (202) 828-2232
Facsimile: (202) 887-0689

MICRON TECHNOLOGY, INC.

Michael L. Lynch

Chief Patent Counsel Registration No. 30,871

Dated: 19,1999

Dc : No.: M4065.133/P133 Micron No.: 97-607

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# DECLARATION FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## MIXED METAL NITRIDE AND BORIDE BARRIER LAYERS

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

#### None

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

K8RL011.SAM-944481 (M4065.031)

Docke. No.: M4065.133/P133 Micron No.: 97-607

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please address all correspondence to Thomas J. D'Amico of Dickstein Shapiro Morin & Oshinsky LLP located at 2101 L Street, NW, Washington, DC 20037-1526. Telephone calls should be made to Thomas J. D'Amico by dialing (202) 828-2232.

Full name of 1st joint inventor: Brian A. Yaartstra
Inventor's signature Sulley Date 17 February 1999
Residence: Nampa, Idaho
Citizenship: Canada
Post Office Address: 3417 Braden Lane, Nampa, Idaho 83686
****
Full name of 2nd joint inventor: Donald L. Westmoreland
Inventor's signature and Water Date Feb. 17 1999
Residence: Boise, Idaho
Citizenship: United States of America
Post Office Address: 10258 West Alliance Street, Boise, Idaho 83704